

ANALYZING WORKPLACE INJURIES IN THE Manufacturing Industry

To eliminate workplace injuries and fatalities, we must understand when, why and how they happen. Having these specific analytics on hand will allow businesses in hazardous industries to target problem areas and initiate solutions that will lower the number of workplace accidents.

The Manufacturing sector is comprised of establishments engaged in the mechanical, physical or chemical transformation of materials, substances or components into new products.

The highest number of injury incidents in the Manufacturing industry occurred:



at Noon



on Tuesday



in March



Multiple Body Parts



on Males



within 50-59 Age Group



in St. Louis County

Ranked #1 in Workplace Fatalities

21 out of 142 Fatalities are in Manufacturing 14.79%

10,927

10,016

RANKED #2 IN HIGHEST NUMBER OF INJURY INCIDENTS Total Incidents in Top 6 Industries 63,403

Total Incidents in Top 6 Industries ▶ 63,408

Total Incidents in All Industries ▶ 91,808

69% of All Incidents are in Top 6 Industries

Top Industries in Number of Injury Incidents Health Care and Social Assistance Manufacturing 12,547

Retail Trade

Public Administration

Acc. Food Services

Transp. and Warehousing 6,358

4.979

528

Top Industries in Lost Time Injury Incidents

Health Care and Social Assistance

1,727

1,530

1,258

1,128

18.576

RANKED #3
IN THE MOST LOST TIME
INJURY INCIDENTS

Total Lost Time Incidents in Top 6 Industries ▶ 7,050

Total Lost Time Incidents in All Industries ▶ 9,710

73% of Lost Time Incidents are in Top 6 Industries

Public Administration

Manufacturing

Transportation & Warehousing

Retail Trade

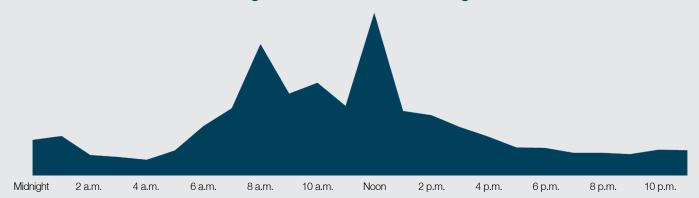
Construction

879



Injury Incidents by Time of Day

Most Manufacturing incidents occurred during the Noon hour.





Injury Incidents by Day of the Week Most Manufacturing incidents occurred on a Tuesday.

S	М	T	W	Т	F	S
418	2,432	2,475	2,402	2,325	1,867	628



Top 10 Injury Incidents by Body Part Multiple body parts were the most injured body part in Manufacturing.



Multiple Body Parts	2,021
Finger(s)/Thumb(s)	.1,758
Wrist(s)/Hand(s)	.1,691
Upper Arm(s)/Shoulder(s)	.1,068
Back	.1,038
Knee(s)/Lower Leg(s)	872
Elbow(s)/Lower Arm(s)	768
Ankle(s)/Foot/Feet	711
Eye(s)	544
Abdomen/Groin/Buttocks	230

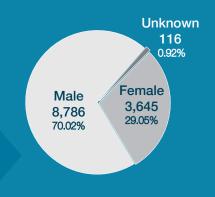


Injury Incidents by Gender
In Manufacturing, males had over two times
more incidents than females.



Injury Incidents by Month
The highest number
of Manufacturing
incidents occurred in
March.

JAN	FEB	MAR
923	1,000	1,377
APR	MAY	JUN
1,055	1,050	1,003
JUL	AUG	SEP
1,027	1,113	1,033
OCT	NOV	DEC
1,099	957	910





Incidents by Age Group

The 50-59 age group had the highest number of injury incidents in Manufacturing.

Age Group	Manufacturing	All Industries Total
10-15	0	61
16-19	308	4,054
20-29	2,571	22,187 Highest Total
30-39	2,705	19,626
40-49	2,600	17,336
50-59	2,897	18,058
60-69	1,367	9,093
70-79	92	1,258
80-89	6	125
Unknown	1	10





Top 5 Counties with the Most Incidents

St. Louis County	1,720		
Jackson	1,211	Clay	892
St. Charles	922	Greene	853

Injury Incidents by Cause

Most manufacturing incidents occur due to lifting

Lifting	1,157
Strain or Injury by, NOC	945
Repetitive Motion	905
Pushing or Pulling	708
On Same Level	602

Injury Incidents by Nature

The highest number of manufacturing injury incidents are strain and tears

Strain or Tear	3,329
Contusion	1,773
Laceration	1,685
Sprain or Tear	1,167
All Other Specific Injuries, NOC	886

Visit safeatwork.mo.gov to learn more ways to keep your workplace safe.



This information represents data collected by the Missouri Department of Labor and Industrial Relations to aid in reducing workplace incidents and fatalities. It may include incidents that occurred in other states or may have been reported in a month other than when the incident occurred. No personal information has been shared or released in the creation of this resource. Missouri Department of Labor and Industrial Relations is an equal opportunity employer/program. TDD/TTY: 800-735-2966 Relay Missouri: 711

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